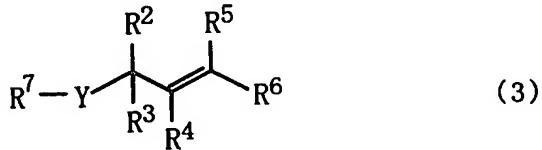
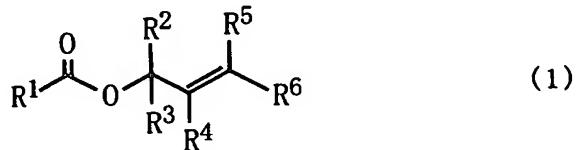


WHAT IS CLAIMED IS:

1. A process for producing an allyl-containing compound represented by following Formula (3):



wherein  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$  and  $R^6$  may be the same as or different from one another and each represent hydrogen atom or an organic group;  $R^7$  represents an organic group; and  $Y$  represents oxygen atom or sulfur atom, the process comprising the step of reacting an allyl ester compound represented by following Formula (1):



wherein  $R^1$  represents hydrogen atom or an organic group; and  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$  and  $R^6$  are as defined above, with a compound represented by following Formula (2):



wherein  $R^7$  is an organic group; and  $Y$  is as defined above, in the presence of at least one transition element compound.

2. The process according to claim 1, wherein the transition element compound is a compound of an element

belonging to Group VIII of the Periodic Table of Elements.

3. The process according to claim 1, wherein the transition element compound is an iridium compound.

4. The process according to claim 1, wherein the compound represented by Formula (2) is one selected from the group consisting of alcohols, phenols, thiol compounds, carboxylic acids and thiocarboxylic acids.